

CLAIMS

I claim:

1. A host computer which contains a server comprising software, in which multiple virtual machines each comprising software contains a web browser, whereby each virtual machine communicates with a dedicated client comprising another software which converts information received to a raster image, which is compressed and sent in a specific order to a dedicated modem port.
2. A portable display device remotely connected which communicates with a dedicated client, receives compressed files from the host computer, and displays decompressed said files stored into internal memory in the specific order sent.
3. A device as claimed in Claims 1 and 2 whereby the display area of the portable device is smaller than the decompressed images stored in internal memory, such that the location of the display area is relayed to the client which sends compressed images in this area first then surrounding areas after.
4. A device as claimed in Claims 1 and 2 whereby a mouse click or keyboard command from the portable display device is relayed immediately to the client, which sends a new image from the web browser to the portable display device if required, otherwise original activities are resumed.
5. A device as claimed in Claims 1 and 2 whereby beacons are relayed between the portable display device and the client to confirm a telephone connection is established, such that a beacon not received is interpreted as a disconnection and a reconnection sequence to the same client is initiated.
6. A device as claimed in Claims 1 and 2 whereby an error protocol verifies all files sent from the client to the portable display device are successfully received, decompressed and acknowledged by the portable display device

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such that any files containing errors or files not received are sent again and placed in the corrected location.

7. A host computer which contains a server comprising software, in which
 - 5 multiple virtual machines each comprising software contains a web browser, whereby each virtual machine communicates with a dedicated client comprising another software which converts information received to a raster image, which is compressed and sent over the Internet to be viewed by a portable device comprising a display screen and related micro-electronics
 - 10 which can log on to the host computer and is able to decompress that image and display it on the display screen.

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